

WO 2005/083993

PCT/IB2004/000179

15

Claims

1. A terminal for concatenating recorded audio data packages each having a predefined length, such as SAM messages, into an audio message of variable length, each of said recorded audio data packages forwarded from said terminal to a receiving terminal through an interconnecting telecommunication network, and said terminal comprising:
- 5
- 10 (a) a user interface adapted to display on a display a first counter counting recorded length of audio data being recorded in an audio data package and a second counter counting number of recorded audio data packages,
- 15 (b) a recorder for recording each of said audio data packages,
- (c) a concatenation unit for concatenating said recorded audio data packages into said audio message, and
- (d) a transmitter for transmitting each of said recorded concatenated audio data packages through said telecommunication network to said receiving terminal.
- 20
2. A terminal according to claim 1, wherein said recorder comprises a microphone for recording voice and/or a keypad for generating sounds.
- 25
3. A terminal according to any of claims 1 to 2, wherein said predetermined length of said audio data package is in the range between 10 seconds to 3 minutes, such as a predetermined length of 20 seconds.
- 30
4. A terminal according to any of claims 1 to 3, wherein said terminal comprises a mobile or cellular telephone, a personal digital assistant, a computer, or any combination thereof.

WO 2005/083993

PCT/IB2004/000179

16

5. A terminal according to any of claims 1 to 4, wherein said receiving terminal comprises a mobile or cellular telephone, a personal digital assistant, a computer, or any combination thereof.

6. A terminal according to any of claims 1 to 4, wherein said receiving terminal comprises a computer terminal in a computer network, said computer terminal being adapted to connect to said telecommunication network through a gateway interconnecting said telecommunication network and said computer network.

7. A terminal according to any of claims 1 to 6, wherein said telecommunication network is a wireless telecommunication network.

8. A terminal according to claim 7, wherein said wireless telecommunication network uses a general packet radio service transmission format.

9. A terminal according to claim 7, wherein said wireless telecommunication network uses universal mobile telecommunication service transmission format.

10. A system for communicating concatenated recorded audio data packages each having a predefined length, such as SAM messages, into an audio message of variable length, and said system comprising:

(a) a transmitting terminal adapted to generate said concatenated recorded audio data packages and to transmit each of said recorded audio data packages, and comprising:

WO 2005/083993

PCT/IB2004/000179

17

- 5 (i) a user interface adapted to display on a display a first counter counting recorded length of audio data being recorded in an audio data package and a second counter counting number of recorded audio data packages,
- (ii) a recorder for recording each of said audio data packages,
- 10 (iii) a concatenation unit for concatenating said recorded audio data packages into said audio message, and
- (iv) a transmitter for transmitting each of said recorded concatenated audio data packages through said telecommunication network to said receiving terminal.
- 15 (b) a receiving terminal for receiving said concatenated recorded audio data packages from said transmitting terminal and comprising:
- (i) a receiver for receiving said concatenated recorded audio data packages and for configuring
- 20 said concatenated recorded audio data packages into said audio message, and
- (ii) a loudspeaker for playing said audio message, and
- (c) a telecommunication network interconnecting said transmitting and receiving terminal.

25

11. A system according to claim 10, wherein said transmitting terminal comprises a transmitting terminal according to any of claims 1 to 9.

- 30 12. A system according to any of claims 10 to 11, wherein said receiving terminal comprises a mobile or cellular telephone, a personal digital assistant, a computer, or any combination thereof.

WO 2005/083993

PCT/IB2004/000179

18

13. A system according to any of claims 10 to 12 further comprises a computer terminal in a computer network connecting to said telecommunication network through a gateway
5 interconnecting said telecommunication network with said computer network.

14. A system according to claim 13, wherein said computer network comprises a wired or wireless local area network,
10 metropolitan area network, wide area network, inter-network, television network, power network, or any combination thereof.

15. A system according to any of claims 10 to 14, wherein said telecommunication network is a wireless telecommunication
15 network.

16. A system according to claim 15, wherein said wireless telecommunication network uses a general packet radio service transmission format.
20

17. A system according to claim 15, wherein said wireless telecommunication network uses universal mobile telecommunication service transmission format.

25 18. A method for concatenating recorded audio data packages each having a predefined length, such as SAM messages, into an audio message of variable length, each of said recorded audio data packages forwarded from a transmitting terminal to a receiving terminal through an interconnecting telecommunication
30 network, and said method comprising:

- (a) displaying, when a first counter is smaller than said predefined length, said first counter and a second counter by means of a display on said transmitting

WO 2005/083993

PCT/IB2004/000179

19

terminal, said first counter counting recorded length of audio data being recorded in an audio data package and said second counter counting number of recorded audio data packages,

5 (b) recording, when said first counter is smaller than said predefined length, an audio data package by means of a recorder in said transmitting terminal,

(c) concatenating said recorded audio data packages into said audio message by means of a concatenation unit in
10 said transmitting terminal, and

(d) transmitting each of said recorded concatenated audio data packages through said telecommunication network to said receiving terminal by means of a transmitter in
15 said transmitting terminal.

19. A user interface for implementation in a terminal according to any of claims 1 to 9.